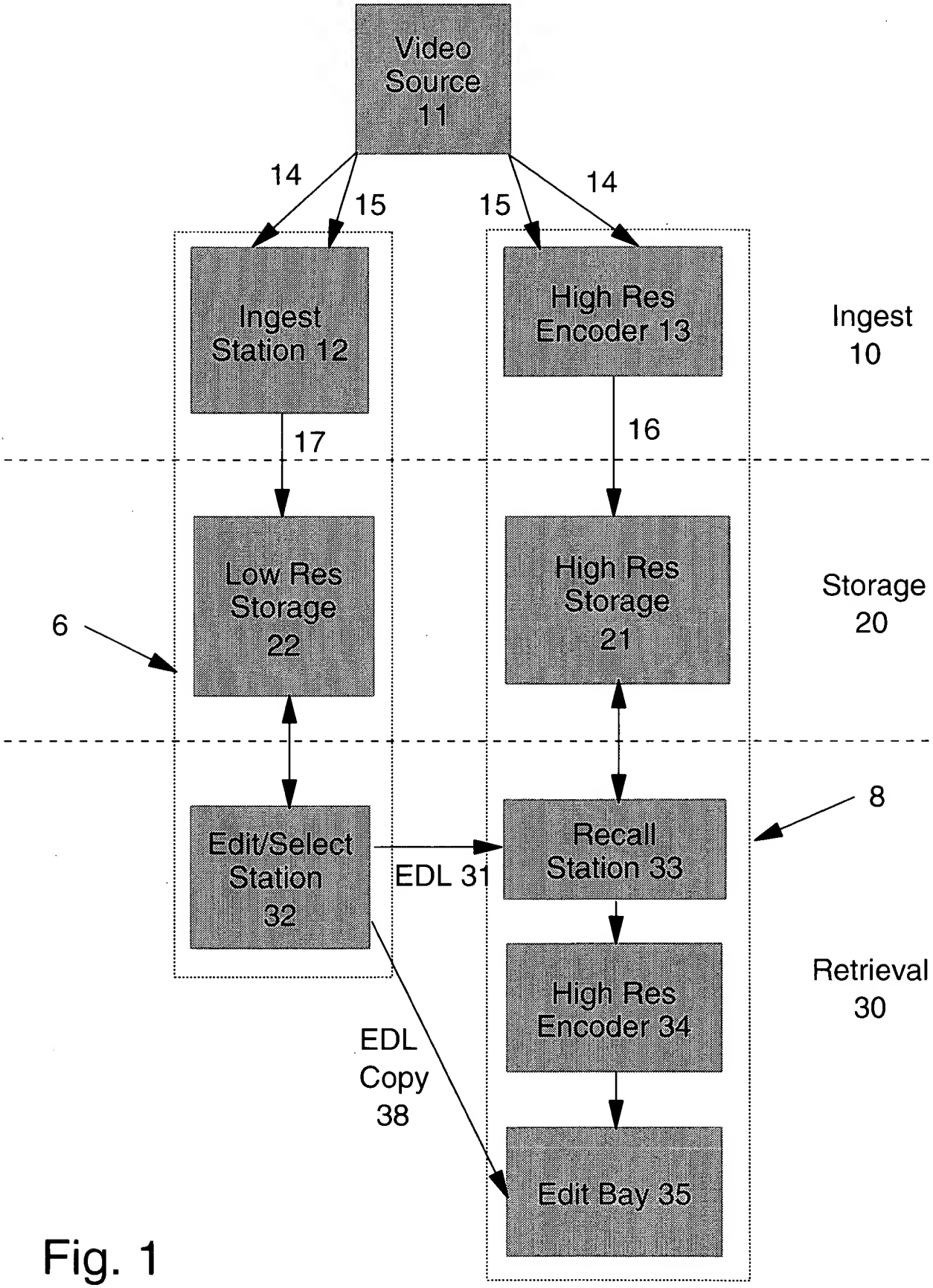

Video Source 11
14
15
15
14
Ingest Station 12
High Res Encoder 13
Ingest 10
17
16
Low Res Storage 22
High Res Storage 21
Storage 20
6
Edit/Select Station 32
EDL 31
Recall Station 33
8
High Res Encoder 34
Retrieval 30
EDL Copy 38
Edit Bay 35

Fig. 1

# Ingest 10

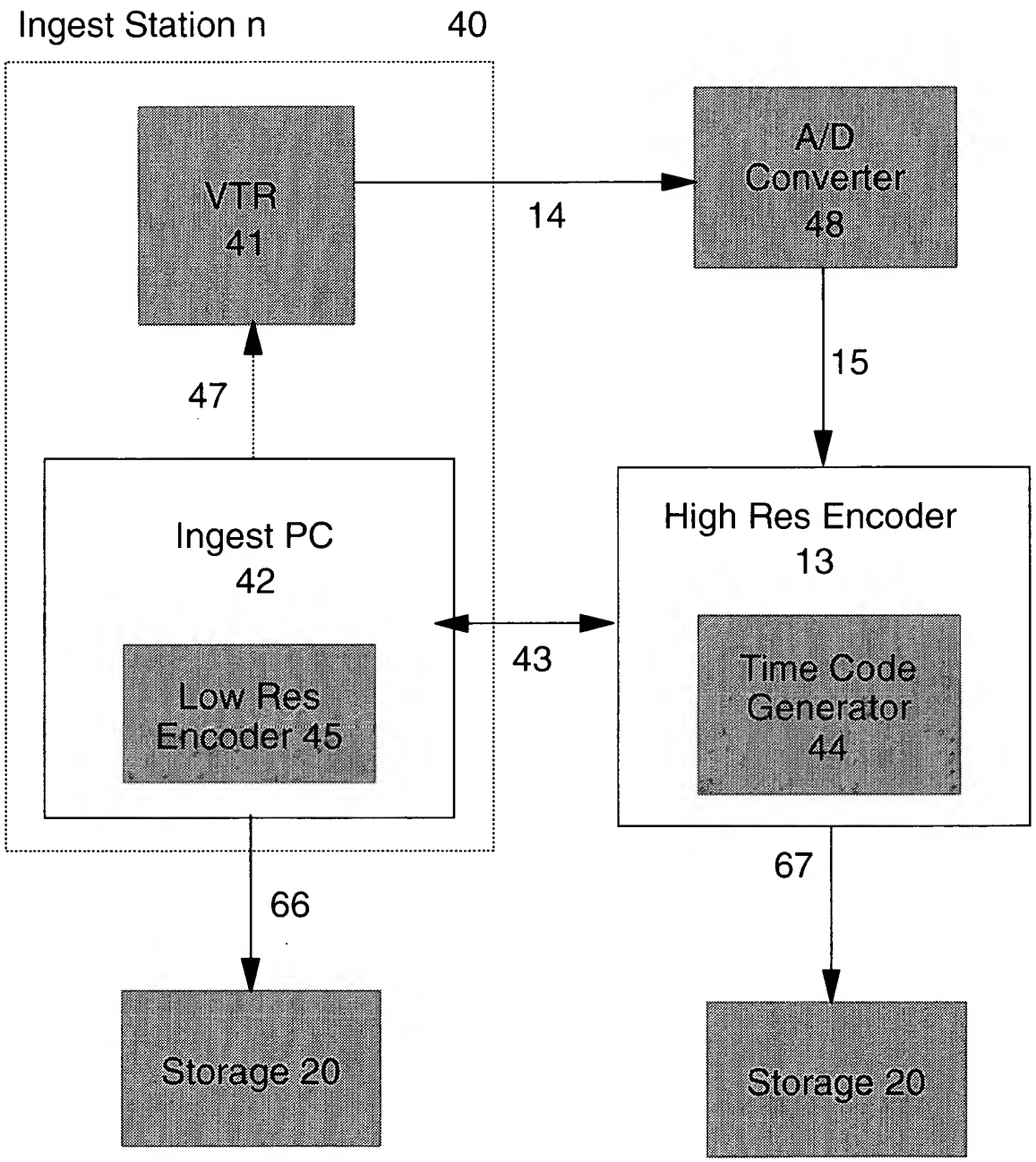



Fig. 2A

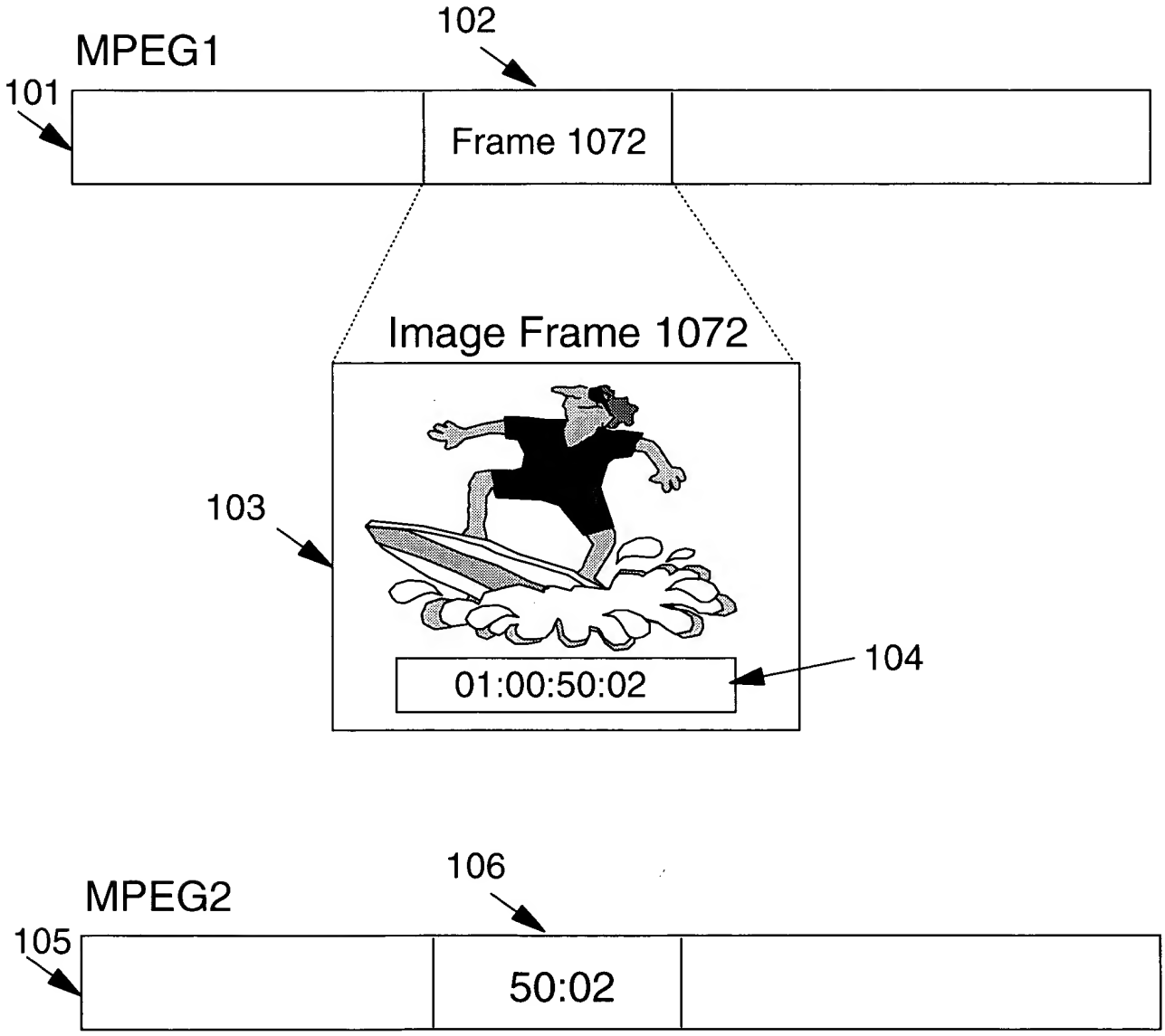
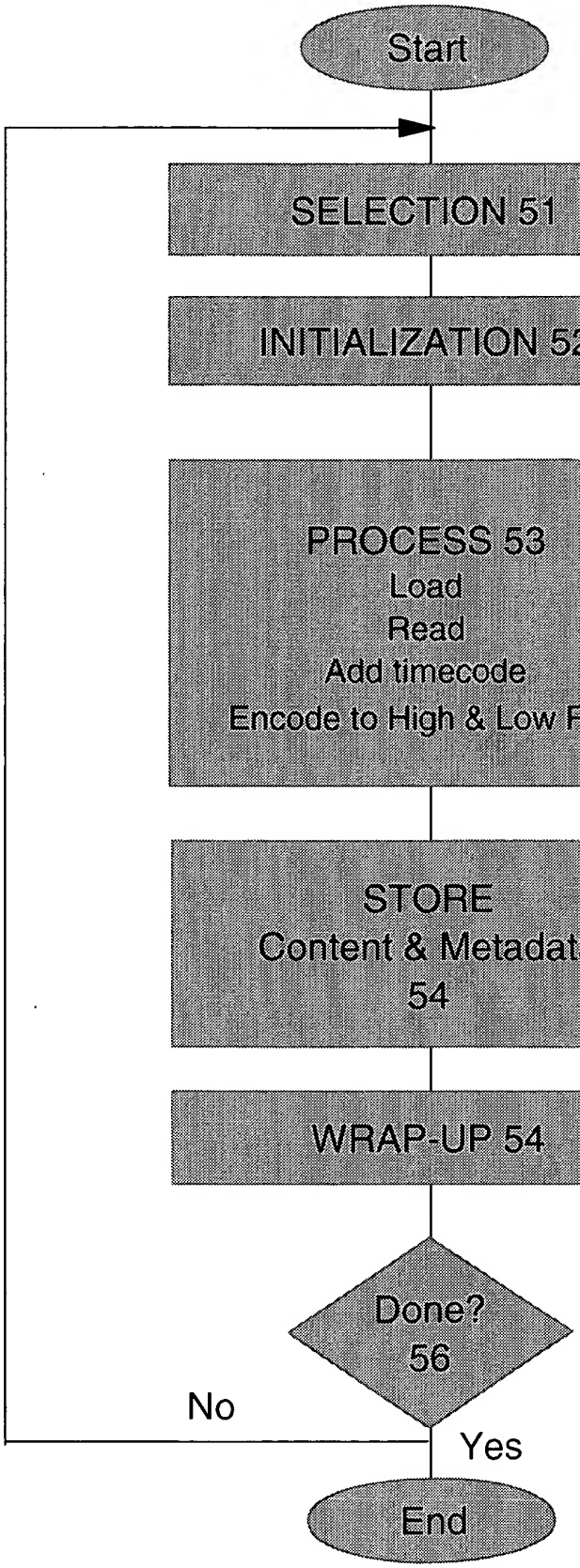

MPEG1
102
101
Frame 1072
Image Frame 1072
103
01:00:50:02
104
MPEG2
106
105
50:02

Fig. 2B


Start
SELECTION 51
INITIALIZATION 52
PROCESS 53
Load
Read
Add timecode
Encode to High & Low Res
STORE
Content & Metadata
54
WRAP-UP 54
Done?
56
No
Yes
End

Ingest

Fig. 3

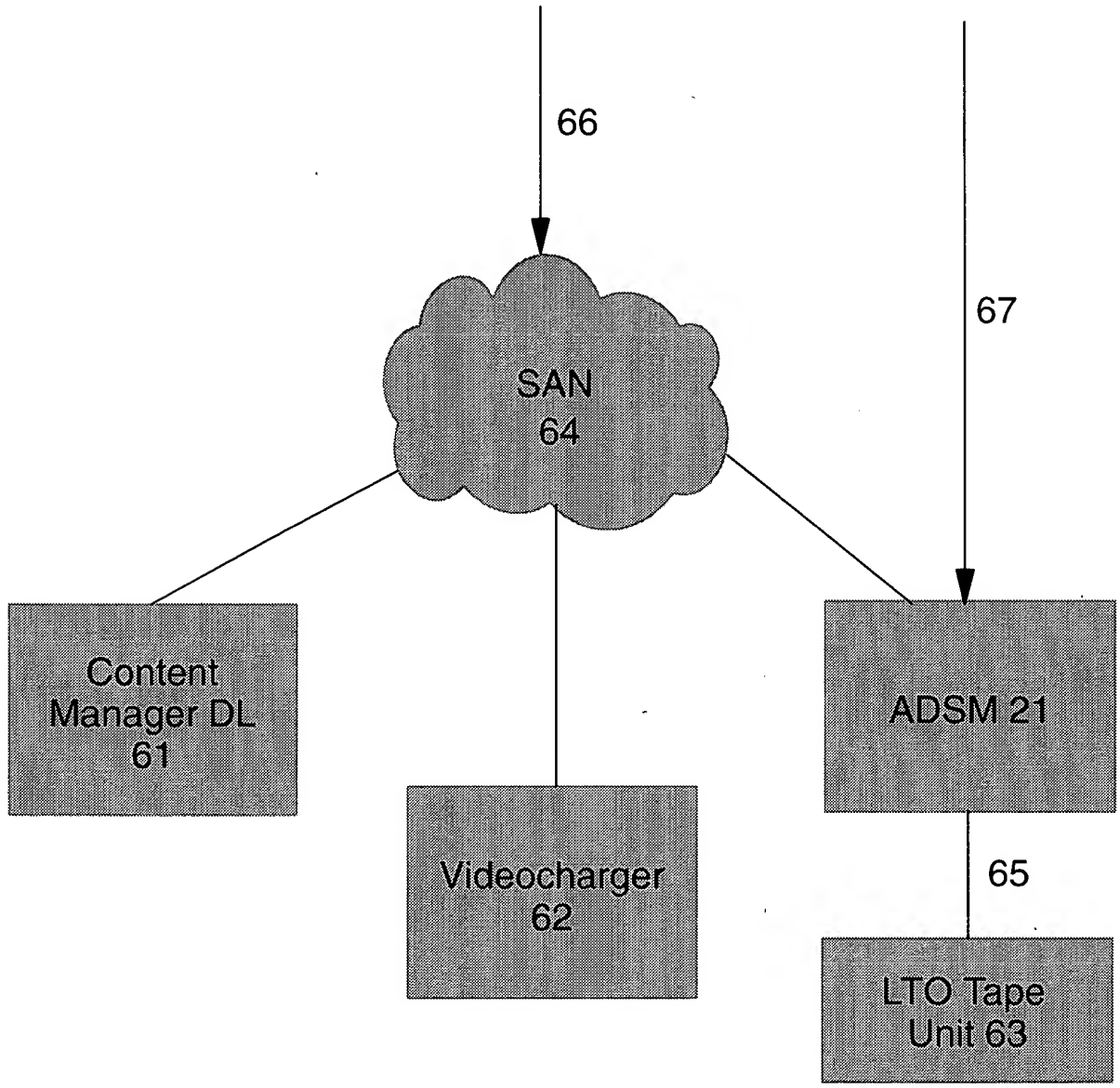
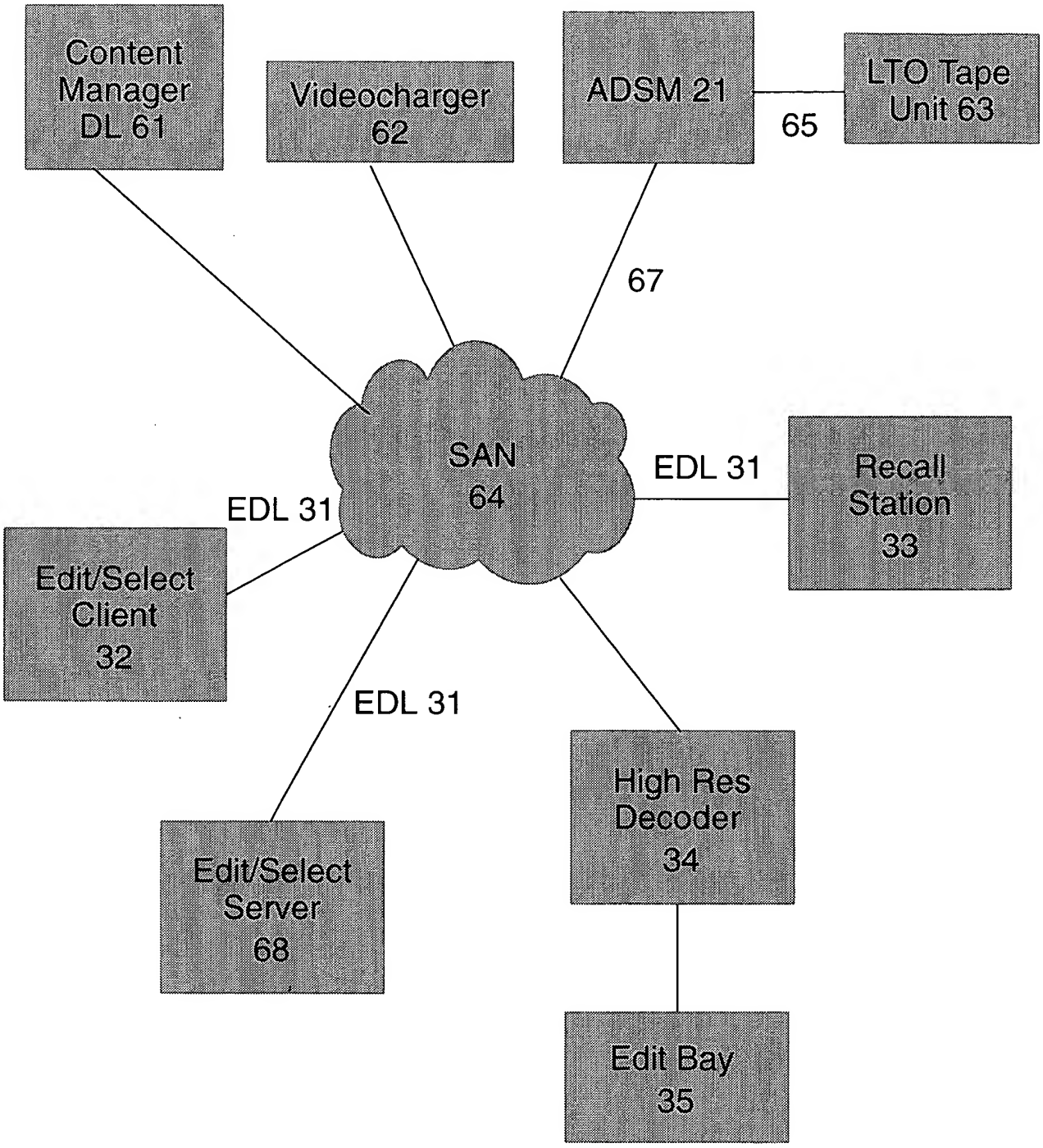
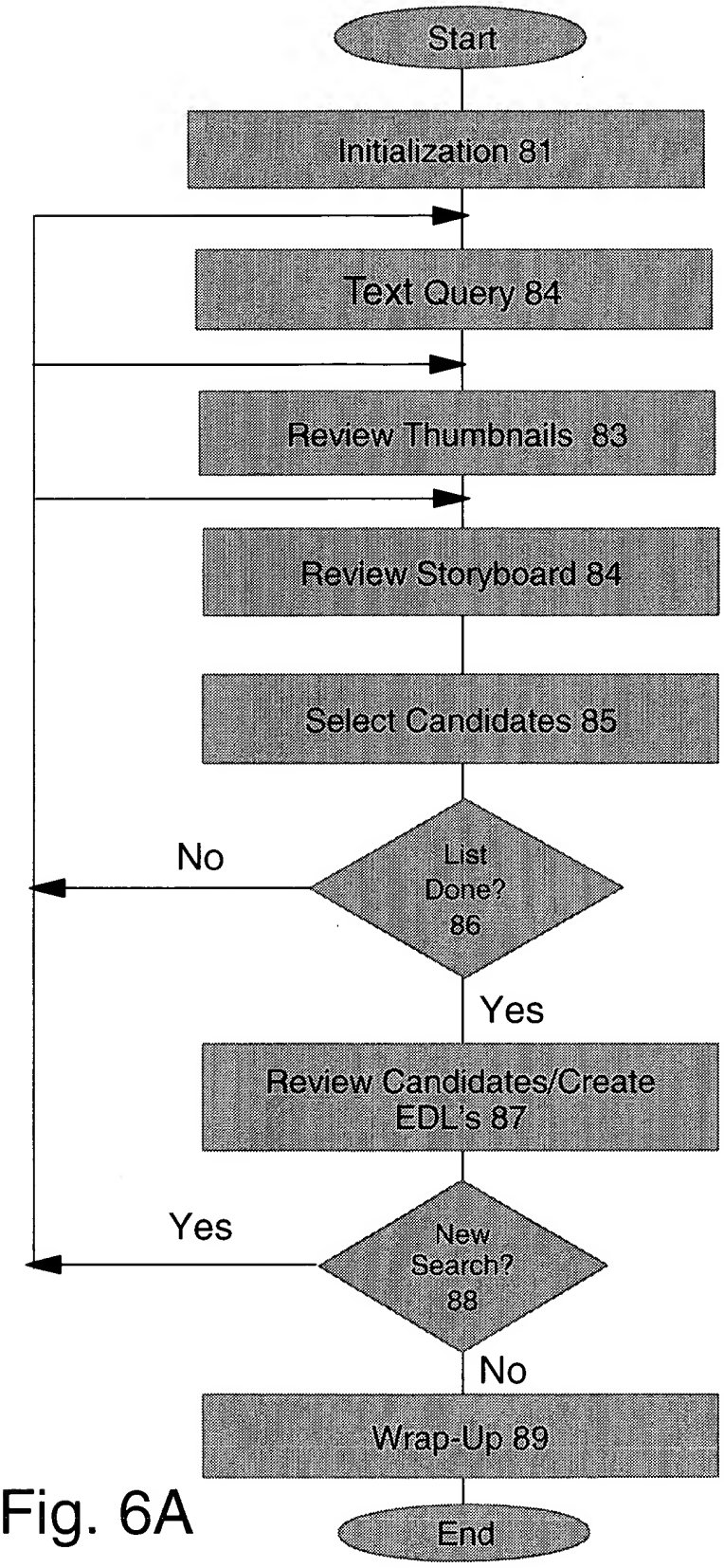

66
67
SAN
64
Content
Manager DL
61
Videocharger
62
ADSM 21
65
LTO Tape
Unit 63

Fig. 4




Retrieval 30

Fig. 5




Edit/Select

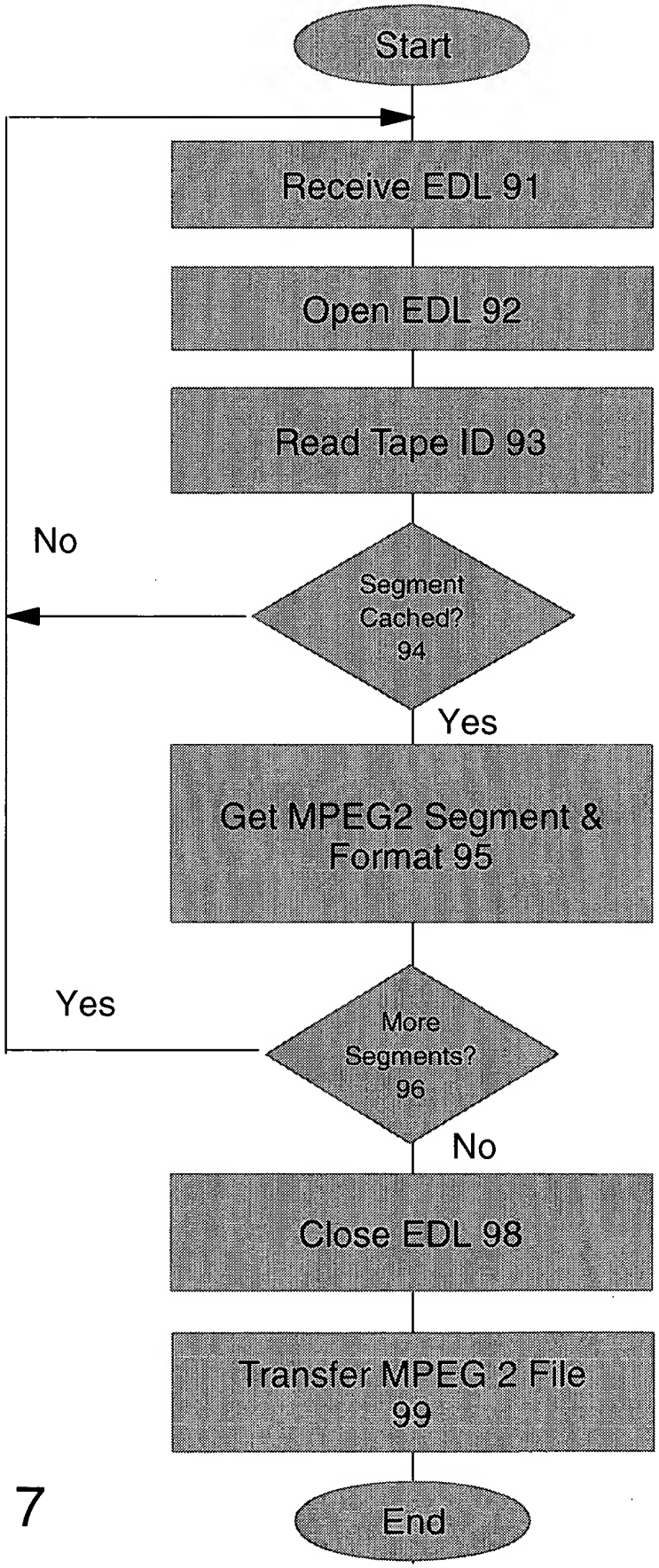
Fig. 6A

EDL 31

| VideoID | Starting Frame No. | Ending Frame No. |
|---|---|---|
| 01 | 1001 | 1132 |
| 01 | 528 | 601 |
| 05 | 44 | 92 |
| 12 | 2255 | 2600 |
| 07 | 144 | 519 |

111 112 113

Fig. 6B


Start
Receive EDL 91
Open EDL 92
Read Tape ID 93
No
Segment Cached? 94
Yes
Get MPEG2 Segment & Format 95
Yes
More Segments? 96
No
Close EDL 98
Transfer MPEG 2 File 99
End

Recall

Fig. 7